HELMBOLD'S CAL DEPOT. enth St., below Chestnut

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EP DIP

NEW CURE AMLIN DEWEY, M. D.

BLAKE'S PATENT

Stone and Ore Breaker ushes all hard and brittle substances any required size. Also, any

all Street

DYAL FRAGRANCE ID COLOGNE!

HOME AND RETREAT S SHAWMUT AVENUE.

W. RHODES, M. D., Medical Directo

Hard Rubber Bed Pans. FOR THE SUFFERING. pon all occasions; during long assections. They are a comfort 28 Winter St., Boston,



VOLUME XXXVI:::NO. 41.

of ditorial.

FARMERS' WANTS.

CLOVER AS A GREEN MANURE

MASSACHUSIE

It is our impression that the farmers of New England do not make use of green Official Organ of the N. E. Agricultural Society manures as much as they might do with United States has appointed as Commisprofit. In New York and other middle sioner of Agriculture, Gen. Wm. G. Leduc, of states, a great deal of clover is sown to be Minnesota. He is, according to the Washploughed while in blossom, for the express ington Star, a graduate of Kenyon College, purpose of enriching the land, and simply Ohio, the President's Alma Mater, and has because there is no known way of enriching lived in Minnesota since 1856. The Star the land so cheap, and so sure of good re- says that he possesses scientific attainment sults, except of course, stable manure, which and much practical knowledge of agriculde except at the option of is never to be had in sufficient quantity. We ture. He was not a general in the army. stages to are told by the chemists that clover has the but served as a quartermaster and was bren is large, and among the portion of the community.

One square, of eightlines, gen which it feeds upon and that wheat and other quartermasters at the close of the war. corn and all the grain crops have not this He has been engaged to some extent in railpower, but must absorb it by their roots road operations, and was concerned in the alone—of course the clover can not be ex-pected to add anything to the mineral ele-Northern Pacific Railroad enterprise. Genments of the soil-these, the potash, and eral Leduc has been in Washington much of best material for fencing, and fences are phosphates, and lime, must be added if de- the time since the 4th of March as an applificient: but the most expensive of all the articles needed for manuring is the nitrogen- mentioned in connection with the Commis- near to it; enough to supply all demands for we can buy it in the chemical salts known sionership of Agriculture with sufficient fencing. In some places hedges and ditches as nitrate of soda, or sulphate of ammonia; prominence to get into the newspapers. His will be found useful for fencing and in conbut we can raise it in a clover crop at less nomination does not seem to have been nection, as wind breaks and drains. than half the cost, and besides, the clover brought about by political influence, and is Cows are more easily fenced against than will reach its long tap roots into the subsoil, probably owing to the President's personal most other kinds of farm stock. This is also

enriching and mellowing it in a way we can not easily accomplish in any other way— manage the Agricultural Department.

dairying also requires less fencing than Enjoying many blessings peculiar to his not easily accomplish in any other way- manage the Agricultural Department. such are the teachings of science, and as We trust that the new Commissioner will other kinds of stock husbandry. true science and practise always agree, we endeavor to raise the Department of Agri. A good cedar stake and yoke fence, well find the best farmers acting upon these prin-culture to a position which will command put up, will last a life time. A good wall the a need only take up the last newspaper, continued only take up the last newspaper. nost farmers appreciate these facts and are ontented and thankful for the blessings of their lot, but the farmer's life is not without to neculiar wants, and to these we would call. peculiar wants, and to these we would call that makes the clovel crop because peculiar wants, and to these we would call than in New York? We think not. Is the

ttle attention in the hope of supplying market for clover hay so good in New Eng-Chief among the inevitable wants of the land that the farmer can afford to sell his Editor Massachusetts Ploughman: Chief among the inevitable wants of the mark the among the common that the common that the common that the among the common that the c

The Pairy.

MAINE.

BY J. W. LANG.

ABTICLE NUMBER III.

easily set out and grow rapidly, soon forming

of Maine is quite uniform yet varies in dif-

Is an item of no small consideration to th

LICE ON CHERRY TREES.

BERKSHIRE SWINE .-- "HOOSIER LADY" AND TWO OF HER PICS.



BRED BY I. N. BARKER, OF THORNTOWN, INDIANA.

the respect of the country. He has the optical control of the same premium as the best sow and sucking first premium as the best sow and sucking some very fine Berkshire swine beed by Mr. In the respect of the country. He has the opportunity with the liberal appropriations at the camera's life is control of the portunity with the liberal appropriations at the country life. No doubt a farmer's life is contents and healthful, and we hope that most farmers appreciate these facts and are contents and the same preciate these facts and are contents and thankful for the blessings of their lot, but the farmer's life is not without the farmer's life is not without.

The policy all of the farmer's life is not without the same premium as the best sow and sucking first premium as the best sow and sucking first premium as the best sow and sucking some very fine Berkshires wine beed by Mr. In the farmer's life is not without the farmer's life is not without the same premium as the best sow and sucking for do, outside the farmer's one well fenced with the liberal appropriations at the farmer's life is not without the farmer's life is not without the same premium as the best sow and sucking for do, outside the farmer's life is not without the farmer's life is not without the farmer's life is not without the same premium as the best sow and sucking first premium as the best sow and sucking for do, outside the farmer's life is not without the farmer's life is not without work, for the great care, skill and judgment, and list first premium as the best sow and sucking for do, outside the farmer's life is not without work, for the great care, skill and judgment, and list first premium as the best sow and sucking for do, outside the farmer's li

The Farm. MANURING-CHESS-MOON SIGNS.

BOSTON, SATURDAY, JULY 14, 1877.

muck alone would do great good on our clay lands. I used to use one or two hun-

Selection of the control of the cont

Hortigultune.

SEPEOUGHMAN

dred loads of muck every year."

In your effort to increase your supply of manure, have you ever used commercial fertilizers?"

"Yes, I have tried them, but in most Y. Tribune has to say about managing the

bis companions are the few hired men the can stainly men of little intellect or culture, with them the mast work day after day, with them the mast work day after day, with them them the work of the day's fell as take ended and the tile to direct or culture with the nearly with the day after day, with the day after day, with the day after day with the day after day

WHOLE NUMBER 1862. Florigultune.

Written expressly for the Massachusette Ploughma THE COLORADO POTATO BEETLE. HOLLYHOCK CULTURE.

Correspondence.

BY LYSANDER S. RICHARDS.

The king among the bugs in his satanic

najesty's kingdom, represented in the muse-

am at the agricultural department at Wash-

ington, is the chrysomela, decemlineata,

the dreaded Colorado potato beetle, not for

its size, for it is not larger than a pea bean,

face of the earth. Properly speaking how-

ever, I should not say bug, but a beetle, and

a horse and cow, and in fact more in some

respects, for the bug feeds itself by protrud-

ing a long tube, which penetrates into the

ubstance it wants to feed upon, whether

into flowers for honey or animals for blood,

and when this tube is at rest, it lays mostly

ment by chewing.

BY P. R. ELLIOTT. This flowering plant is very much neglected

being generally interspersed amongst other plants in shrubbery borders, but if planted in rows in rich well drained soil, so as to form a back ground to a neat border, it but for its destructiveness, it being the most | would well repay the grower with a splendestructive bug, at present, that walks the | did display of bloom. It is true, the hollyhocks of fifty year ago were not gems of beauty; tall, stalky,

here I might as well explain the difference | with only a single flower of medium size and between a bug and a beetle, for farmers as no beauty, but now varieties have been ori well as the masses generally, make no dis- ginated of beauty in their habit of growth tinction between bugs and beetles, but call and bearing double flowers of colors, from them for short, all bugs. Now to the ento- pure white to rich bright scarlet, set upon mologist, there is just as much difference be- the sides or around the stems, of two to tween a bug and a beetle as there is between | four feet in height, forming perfect pyramide In the making of a large bouquet they com

The hollyhock is propagated by cuttings single eyes and seeds. The cuttings should be taken off the plants early in Spring, and do best dibbled in light soil, in a fram folded outside of the body under the thorax where a slight bottom heat can be given and abdomen; or in brief the bug sucks its When well rooted take them up carefully food through this tube, while the beetle bites | and plant them in aix inch pots, using one with its massive jaws and gains its nourish- half rich loam, one fourth well-decayed But to those who are unable to distinguish little clean sand and fine charcoal all well bug from a beetle by the mouth, another | mixed together. Remove the plants to a nction is prominent; the inner edge of | cool frame for a short time to harden off the wing sheaths of the beetle are straight, previous to planting them out in the open from the upper to the lower end, longitudi- ground. This mode of propagation has the nally, while those of the bug cross each other advantage of affording a succession of blooms at the posterior or hind ends. It is needless after the old plants have succumbed, and to describe the Colorado potato heetle to the | though the spikes are not so fine in the first farmers at this late day, yet there are some season as those on old plants, they will fully other beetles so similar to the Colorado, that | equal them the next.

they easily are mistaken for it. There is one

propagation is by dividing the roots in early ground according to period of season. Where a particular style of growth, or color of flower is desired it is heat to obtain a plant of each, rather than trust to the

Written expressly for the Museachuseite Ploughman "NEW WAY OF RAISING STRAW-BERRIES."

Editor Massachusetts Ploughman: The Ploughman for July 7th contains an article from a correspondent entitled " A New way of Raising Strawberries," in which it is stated that one of the reasons why the hill system of raising strawberries is a failure is in this way in the severe climate of Massachusetts when proper care was taken to cover the stools with eel grass or with sedge. The stools are apt to be left out of ground too high by the growth of the plants upward, and as the old roots die out and new ones have to be sent out from the collar or neck the wire, and about twice as deep and large of the plant above the old roots, when this as the first bag. When in use, the farmer | collar is up out of the ground there is no chance for the plant to strike new roots, and along the potato vines, where the beetle is | it dies out or dwindles away with a few weak seen in its myriad swarms, and as they drop roots. The remedy is to raise the bed around the stools by carting on fresh loam, enriched by adding some fine compost, so as and the beetles drop into the larger bag to bring up the level of the bed to the stems below, surrounding it; the cork is put in of the leaves; this is best done just after again, and when both bags are filled the picking ceases, and the leaves should be sheared or mowed off before applying the beetles are soon numbered among the dead. loam. Of course this would be too expen-This simple contrivance can be applied to sive a process to be applied to large fields; other insects destroying the farmers crops. but those amateur gardeners or raisers of prize berries who wish to get large berries without much regard to cost will be able to States suffering by this dreaded pest, that do it as above. The matted hill described one must work quick with this bag contriv- in the Ploughman is a very sensible way of raising good fruit for one year or two years in the same place; the bed will then need to when approached or disturbed, the beetle be planted again in another place or graded jumps quickly to the ground under the vines up as above described.

KILLING WEEDS.

Cultivators are finding out, all over the white and brittle sprouts from the seeds be fore they are fairly above ground. The oftener you do it, the better for the crop. It is ever so much easier and better than Such good treatment will often double the growth of the crop by the constant stirring of the soil, independently of keeping the weeds from sucking their nourishment.-THE BALANCE OF TRADE.—The Bureau

its last quarterly report. The total exports amounted to \$596,890,973, leaving a balance in our favor of \$120,213,-102. In September the gain in our favor was even greater, equalling more than 20 millions of dollars. The gain during the whole year 1876 may probably amount to a balance in our favor of \$320,000,000, a most gratifying change in our business relations with foreign nations, which must, in a very short period, free us from our financial and

a sadone of the rubbers has turned State'-

Fairs in this country is one of the most inter-

while it is understand that the floration of the floratio

his, and one of the rubbers has turned State.

Substance, betraying the whole plot. He was led to so by not having received his expected this expected the plander. The securities stolen were commanded to Northampson for a formight after the rubbers.

A meeting of the creditors of H. A. Blood of Flichburg, was held in this city on Tuesday have vast obstacles to encounter and untold first present of the creditors of the convexion of the substances of the creditors of the country is in an exceptionally going on. The control of the country is in a sit was the conclusion of the race of 2.17, the result of the race of 2.18 in one that, so the three quarters of which they went at the former is successfully going on. The the former is successfully going on. The control of the creditor of the creditor of the race of 2.17, which first papers all publish now on the day of the race of 2.18, the result of the race showed that, so the three quarters of which they went at the former is successfully going on. The three quarters of which they went at the former is successful

The great-slik smarging ring in New York has besides. And as the Russians advance England will begin to declare her intertions. These will no doubt provoke a similar declare her intertions, from which it appears that frants have been perpetrated on the revenue for years, livelying a loss of many millions to the Treas-livelying a loss of many millions to the great attraction of those The persons arrested were officials in the is what shall be done with Turkey after the NEW HAMPSHIRE BOARD OF

difficulties to overcome. The transportation North and South, count therefore on having son by "Hopeful." lost, perliminary to the adjustment of his adjus and it is likely the Turks will devastate it record this general exhibit of affairs agricul- which is probably the fastest in the countries and it is likely the Turks will devastate it besides. And as the Russians advance Eng-

earling topics that can be considered in connection with farming. Isolation being more largely the lot of the farming class that perhaps of any other, such an exhibition system as more prevails could not of course the developed and crabitionized instantists, but the standard course in the developed and crabitionized instantists, but must necessarily have local beginnings and entrements add to the measurement to Gen. Of the War Department to Gen. Of the War Department to Gen. Of the commands on the Texas portion, and to obtain models in planted of season and steady accretion. Hence the interest was at first to created than that of a simple decise of neighboring farmers to compare the results of their year's experience. What it expended from the township and purply local exhibition to one embranch the previous countries, the contract of the farmers of different fractions of the sead that it is the healthy root and parent of all that we see around us to obtain the health of the war. Department to Gen. Of the commands on the Texas portion, is a spirit of their year's experience. What it expended from the township and purply local exhibition to one embranch the previous forms and purply local exhibition to one embranch of all that we see around us to obtain models in planted of the war. Department to Gen. Of the war Department to Gen. Of the commands on the Texas border, is to be retained to the war Department to Gen. Of the commands on the Texas border, is to be retained to the war Department to Gen. Of the commands of the provise from the extreme north-state of the war Department to Gen. Of the war Department to Gen. Of the commands of the prevision of the state of the war Department to Gen. Of the commands of the provi

Speaking about "Smnggler" it has not until lately been settled by his owner whether the stud or the track would be selected for him this season, but having defeated. Great Eastern and been entered at Springfield, we presume he will make he whole Circuit and a hot rear for the season of Company India.

STRICE AND ALL THE ALL

NEW HAMPSHIRE BOARD OF

AGRICULTURE

At the recent annual meeting of the State
Board of Agriculture plans were laid for the

Board of Agriculture plans were laid for the

The violators of the State

State

Board of Agriculture plans were laid for the

The violators of the State

Th

REFERENCE ACCESSION ASSOCIATION ASSOCIATIO

Dr. Tobias' Venetian Horse Liniment, in

THE STOCK MARKET. State Street, 3 P. M., July 11, 1927.

SPECIAL NOTICES TAX ALTD ...

AGRICULTURE

AT the recent annual meeting of the State springfield as at & live of late, and at good prices.

—The violators of the State springfield in ext word, or no payr. Toutas' Cover the cure of colic, oil sozer, yearning and brusses, is the send of Boston.

In the recent annual meeting of the State springfield in ext word, or no payr. Toutas's Cover the cure of colic, oil sozer, yearning to be as much gender as being in their favor. We quote for a payring in their favor. We quote for a payring and brusses, is the spring to price and color, oil sozer, yearning to be as much good of the state world, or no payr. Toutas's Cover the cure of colic, oil sozer, yearning to be samined as Springfield as at & live of late, and at good prices.

—The violators of the State spring the position, of the sozial solider spring in their favor. We quote for a payring and brusses, is the spring to price and color, oil soze, spring in their favor. Toutas's Cover the cure of colic, oil soze, spring in their favor. Toutas's Cover the cure of colic, oil soze, spring in their favor. Toutas's Cover the cure of colic, oil soze, spring in their favor. Toutas's Cover the cure of colic, oil soze, spring in their favor. Toutas's Cover the cure of colic, oil soze, spring in the recent annual meeting of the State spring in their favor. Toutas's Cover the cure of colic, oil soze, spring in their favor. Toutas's Cover the cure of colic, oil soze, spring in their favor. Toutas's Cover the cure of colic, oil soze, spring in their f

bins, as prophesied.

The daily papers all publish now on the day after the Fourth.

A minery pound poodle was recently exhibited at Cincinnati, which as a summering person in the Centennial eleberation of the bartle of Ball-bardson, Ye, no such poodle was recently exhibited in the Centennial eleberation of the bartle of Ball-bardson, Ye, no startled plant.

The daily papers all publish now on the day after the Fourth.

Some four through the pool of the bartle of Ball-bardson, Ye, no startled plant.

The design person pound in the Centennial eleberation of the bartle of Ball-bardson, Ye, no startled plant.

The recent all was constituting to the constituting to the constituting to the person when the demand of the bartle of Ball-bardson, Ye, no startled plant.

The recent all was constituting to the constituting to the constituting to the person when the demand of the bartle of Ball-bardson, Ye, no startled plant is excellent to the person whe first the person of the bartle of Ball-bardson, Ye, no startled plant.

The recent man of bards, politically plants of constituting to the constitut

150 fbs at 54c live.
Stillman Smithers sold 7 heifers and cows
with 5600 fbs at 4c live—his 13 calves were sold

prices. Lemons are lower. Oranges are also weak.

We quote Raisins, layer new at \$1.80; do. London \$2.40; do. frail \$4.45; do. Mascant \$2.20; do. Statum Be; do. Valencias \$\frac{1}{6}\text{Cirron}\$, do. Statum Be; do. Valencias \$\frac{1}{6}\text{Cirron}\$, do. Statum Be; do. Valencias \$\frac{1}{6}\text{Cirron}\$, layer logal \$\frac{1}{2}\text{Cirron}\$, layer logal \$

Corrected by C. C. Chamberson, &c.,

Erzeroom, July 9.—The T

TURES ARAS

THE WAR IN THE MOVEMENTS OF THE

Manchester, July The effect of the

London, July 9 .-For Riveline May at St. Parabara, Ja'y con the Canovich, disc.
A body of cavely with Timova on Sanarday and camp with animunities and camp with animunities and price and on Orange But.

MOTEMENTS OF

NORWAY'S MIC California - Hotel Cars

bandonment of Montenegro by the Turks is only by night. The wirm weather of the next spring brings them out lively and strong in the wing. They do not fly in the day time—only by night. The wily farmer has planted three rows of the earliest potatoes away from his main field and near his house, where he Monteneary with the Turkish army fully are dead or missing.

The GOUNTANTINOPLE. The GOUNTANTINOPLE. Constantinople at all risks, unless the anticipate by making peace on the Caar's effect of the receipt of this and other intellers to Russian intentions has been to yvery considerably the view taken of the view crutal members of the Caintellers and the content will probably be that if the content will probably be that if the content members should feel bound to an active policy they would no longer be an active policy they would no longer be an active policy they would no longer to take much time. The gentleman whom we quote as authority finds his main potatodeagues hitherto disposed to can ported that powerful reinforcements rite squadron in Besika Bay. July 9.—Kierman's London dis-latthe House of Commons this af-that the House of Commons this af-latthe House of Commons this afthe House of Commons this at-rad Northcote said it was not for Layard had informed the for Layard had informed the THREAT PROM THE BULTAN. an'in ple, July 9.—The Sultan at a pri-

THE WAR IN THE EAST ..

MOVEMENTS OF THE BELLIGERENTS.

name and threaten to get the Manchester Guardian's grain and vegetables, and threaten to get the upper hand. We have no fear but in the end they will succumb to Yankee ingenuity, which is much more creditably emall 9.—The following is did dyesterday:

a very interesting one. Does a tree produce dowers or fruit earlier as its age increases, and captured the Turkish temperature and other circumstances remains mova or Sacarday and captured the Turkish and with an ununtion and baseage. The Turks are the or John a Bran. Our infantry and there are approaching Throva.

THE RESISS RETREAT.

Loades, July 9.—A Reuter dispatch from the contractions to show that in some cases they do, and in other cases they do not, and botanists are in a quandary. It is generally found in these contradictory cases that there is a near

these contradictory cases that there is a near reason, not discerned, that will explain the whole. It has been noted by American botton to the Caucashan rising, which is suppressed, but to the fact that the whole. It has been noted by American botton weak to overcome the Turkshans estength had been underrated, gukassoff and Oklobschio have eight allions each, and Gen. Loris Melikoff vo. of the a service the condition.

ARGSTAN RETREAT.

ARGSTAN RETREAT MOVIMINTS OF PRINCE CHARLES.

Prince's intention of crossing Ragosa Springs, 6800; Animas City, 6850; Ragosan army. Detachson corps to reinforce the pivide, 7554; Saguache, 7746; Del Norte, 1909; Fort Garland, 8365; Poncho Pass, 8600; San Christoval Lake, Autelope Park hemselves face to face with an Austrian army.

ACTRIA's POSITION.

London, July U The Times' leading article the inevitable occupation of Boszia, and every reason to believe the Turks would as from the province rather than drive the Vienna into the position of an open foe

one state room,

of the usual head-lining being
foreken polished woods; the pany
le windows will be of California
California woods; the lamp fixwitenings, door h rdware, etc.,
ited eliver. The upholatery of
rich but plain reps, corresvicing wish the wood finish
of the curs. Between each
variable that will

of of the curs. Between each
variable that will

or the drough in the same way as he coping care.

Os the admirable steel rail that is now laid on the Chicago & Northwestern Railway, these electric, sixteen-wiseled hotel care will ride as easy and with a sittle solice or oscillation as a balloon it thats serency through the air; and we lieve it will be found to be a result that thoughts will flock to this "Pioneer Line," who we bitherto gone by some other route. With these and other improvements the people Cedar Rapids are very largely interested and e believe will join with a in congrantating the

DEATH TO THE BUGS.

Woolsey, are creating great devastation or

FLOWER.

[From the Worcester Gazette.]
President Chadbourne, who in years passudied at the West the insect commonly the Russians have 40 battallons on the lof Kars. The bulk of their army and llery have been withdrawn in the difference Pasha's leadquarfers and Kars was free from the Russians on the 4th. Pasha, the new Governor of Kars, has that Pasha with reinforcements of 4000 his partison of Kars. It is not to enter Ardanutsch and were driven Ardaban, where a great concentration issan troups is proceeding. Three batawe heen despatched from Delibaba to Mukhtar Pasha.

CHEVKETT BURNED BY TURES. The Best Horse Shoe Nail ever made, Abon' ten years ago the **GLOBE NAIL**COMPANY of Boston, put on the morket the
first pointed, polished and finished Horse Shoe Nails
ready for driving. Previous to that time all Horse
Shoe Nails were pointed, and most of them made, by this difficulty by concentrating the bugs or a few rows of early potatoes. At the close of the season the bugs left alive to propa mbarded and barned Chevked. They force which defeated the garrison and of them to asaid n the town. The obale expedition being a tained, the frigates riced their troops and returned to Ba-

The Globe Natl was at once found to be caper and better than any then in use. It so paste sticking to the leaves. The poison is weak, but still strong enough to kill the in-sect, and it is where it is wanted, unless an

question is important to farmers and directly to food consumers, for bugs of all kinds, with the unbounded stomachs of a Cardinal

PRILADELPHIA, June 22, 1876.

No. 239, Globe Nail Co., Boston, Meas...

Lorse Shoe Nails, Pointed, Pointed and Finished.

The uniformity in size, amout closeness of sirish, harduess and tendelly of the iron, closeness of stream

excellence of the head and point, the tensie strength loved against them than in inventing en-Group

Group

Histomomended for an Award of Merit.

NIEL STEINMETZ, Phila. Chairman,
D. IMBODEN. Richmond, Van

ARLES STAPLES, Portland, Me.,
L. REED. Clearfield, Fa.,
AV. McHARDY. Aberdeen, Scotland,
UIEFENBACH, Germany. INFLUENCE OF AGE ON LEAF AND Decandolle, the celebrated Swiss botanist, has started a question which promises to be Until within a few months we have not been able make these Nails fast enough to supply the deand. We have now increased our facilities so that a are prepared to fill at once orders for any quantific of either number or pattern.

1876.



many such cases, there would be little ALTITUDE OF THE COLORADO MOUNTAINS. ST. LOUIS, Mo., June 8, 1877. Colorado Springs, 5975; Guray, 6000; Manand Eureka, each 9000; Los Pinos Agency, 9280; Sangre de Cristo Pass, 9396; Silverton, 9400; Carr's Cabin, 9600; Howardswed the Globe Nail in my shop and on the race track ville, 9700; Fair Play, 9764; East Pass, 11,098; Animas Forks, 11,200; Ute Pass, 11,098; Animas Forks, 11,200; West Pass, Mount Sultan, 11,570; Cunningham Pass, Mount Sultan, 11,570; Cunningham Pass, 12,500; Lake Fork Pass, 12,500; Bar Table William Pass, 12,500; Lake Ward Form Pass, 12,500; Lake Fork Pass, 12,500; Lake Pass, 12,500; Lake Fork Pass, 12,500; La

name name a new come a pound cheaper, we would have fewer lame borses. I KNOW FOR A REFE AND BUTTA BELLETY, WETTE A VIAN WE THE A VIAN WE THE A VIAN WE THE A VIAN WE THE BUTTA BUTT Yours Very Respectfully,
(Signed,) P. H. O'NEILL,
(Signed,) P. H. O'NEILL,
Horse Shoer, No. 1907 Broadway,
P. S. I think I could get every boss in St. Loui
aigu this if i thought it necessary. P. H. O'N.

The best Horse is sure to win. SC CLEAR THE TRACK FOR THE GLOBE NAIL CO.

Inspected Potash, TN any quantity, for family use, manufacture purposes, or for Fertilizing the soil. None relible unless the Inspector's name is branded on eacask. For sale at the lowest prices.

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Inspection Office, No. 106 Canal Street, Boston.
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THREE IN ONE. A HOUSE PUMP, FIRE ENGINE AND LAWN SPRINKLER ombined, only \$18. All kinds of Pumps and Ho-

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COUNSELLOR AT LAW.

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CONVEYANCING, BANKRUPTCY AND GEN ERAL LAW PRACTICE.

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\$2500 a year to Agents. Outfit and a \$2500 dress, J. Work & Co., St. Louis, Mer.

GEO. H. PAUL & CO.,

BOSTON, MASS 10 O'CLOCK, A. M., The "TIFFIN"
WELLBORING
WELLBORING
This combined Well
Boring and Rece
Drilling Nachland
Wellboring Horse
World. It is dismets THURSDAY, JULY 19, 1877. MACHINE. to 44 inches in diameter and from 50 to 150 fee \$25 to \$50 Perday made on an investment of only 5300 to \$400. QUINCY MUTUAL

favorably known throughout the country. Cider Mills, Harrows. Horse Carts, Rollers, Hay Cutters, Cora Shellers, Vegetable Cutters, and Grist Mills Airo, a few Hay Teddern and Steel Teeth Wheel Horse Hakes, Luwn Mewers and Lawn Seats, Wheelburrows and Mount-ed Grindstones, a well as few ed Grindstones, as well as a few assortment shorels. Spades, Hoes, Forks, jly14-lt

Rew Advertisements.

A YRSHIRE BULL "BONNE DOON" No. 983, from choice imported miking stock, sure and geutle. Three years old April 10, 1977. Also, Bull calf by same, dropped June 24, 1877, can be registered. Prices low. S. W. RODMAN, Burlington, Mass.

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Dusentery, Cholera, Diarrhaa, Cramp, and Pain in the Stomach, Bowel Complaints, Painters' Colle, Liver Complain Dyspepsia and Indigestion, Sore Throat,

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DISCHARGES FROM THE EAR, Throat Affections, Asthma, Bronchitis, etc., sadic cured, and all diseases of the EYE,
Whother requiring medical or surgical aid, or Temont Place, rear of Transpar House Hours from 9 till 2. 1877. New England 1877. FAIR!

The joint exhibition of the New England and Maine tate Agricultural Societies will be held at Presumpscott Park and City Hall, PORTLAND, ME., SEPT. 3-7, 1817.

Entries of Stock will Close Aug. 25 oround rent, apply to either Garcelon or Fen-na. Gen. J. Marshall Brown, Portland, will off-as General Surveying. iorson. trc. v general Superintendent.

Address me at East Surrey, until August 1st.

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Prices-Boars, \$10, and Sows, \$8 each. carefully
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sufficient food for journey. Heady for delivery from
May 8 to July 1st, 1877. Cashier's check or Fost
Office order on Waltham, Mass., to accompany order. R. T. LOMBARD, Sycamore Farm, Wayland, Mass.

Cherry Brook Farm. SMALL dished face Yorkshires, from the best im-ported strains \$15 each. Berkshires from im-ported sows \$20 each. jes0-tf HERBERT MERRIAN, Weston, Mass. Eggs For Hatching.

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Choice Fowls and Eggs DARTRIDGE COCHINS, DARK BRAHMA. PLYMOUTH HOCK, and 27 other varieties of "owls and Eggs, for sale by E. R. PERKINS, 236 Esser St., Salem, Mass. Enclose and send stamp for Circular. augs-tf

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plus over re-insurance \$123,000. All losse
in full. Dividends were resumed Nov. 10, 1873. Commonwealth of Massachusetts. Commonwealth of Massachusetts,
Middlesex, 59.
To all persons interested in the estate of ASA C.
EVERETT, late of Ashby, in said County, decoased.
Wilsubas, Francis W. WRIGHT, the Exeutor of the will of said deceased, has presented for allowance the account of his administration upon the estate of said deceased, has pretion upon the estate of said deceased. You are hereby cited to appear at a Probate Court,
to be holden at Lowell, in said County, on the
third Tuesday of July next, at mas o'clock in the
foremon, to show c.mse, if any you have, why the
same should not be allowed.
And said executor is ordered to serve this Citation by publishing the same once a week in the
Massachusetts Floughman, a newspaper printed at
Boston, three weeks successively. the last publication
to be two days at lessly, before same court. None but the safer classes of property written.
ISKAEL W. MONROE, President.
CHAS. A. HOWLAND, Secretary. NO. 27 STATE STREET.

MERCANTILE SAVINGS INSTITUTION No. 581 Washington Street, Boston. Boston, three weens successively the hast publication be two days at least, before sau court.
Witness, (iEOHGE M. BROOKS, Esquire, Judge or said Court, this twenty-fifth day of June, in the year of our Lord one thousand eight hundred and seventy. H. H. MATHER,

Commonwealth of Massachusetts. To all persons interested in the Estate of JOHN LEGROSS, late of Councyd, basid County, decased, Greeting.

WHEREAS, DANIEL WETHERBEE, the exector of the will of sald decasaed, has presented for allowance the first account of his administration upon the estate of said deceased.

Toa are hereby cited to sappear at a Probate Court to be holden at Cambridge, in said County on the fourth Tuesday of July next, at nine o'clock in the fourth Tuesday of July next, at nine o'clock in the fourth Tuesday of July next, at nine o'clock in the fourth Tuesday of July next, at nine o'clock in the fourth Tuesday of July next, at nine o'clock in the fourth Tuesday of July next, at nine o'clock in the fourth of the same once a week, in the Massachusetts Floughman, a newspaper printed at Bosoch, three weeks successively, the last publication to be two days at least before said Court.

Witness, GEORIGE M. BRONSS, Esquire, Judge of said Court, this twenty-sighth day of June, in the year of our Lord one thousand clight hundred and seventy-seven.

J. H. TYLER, Register.

Commonwealth of Massachusetts.

Steamens, &q.

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In Telescopic Gold & Ebony Holder,

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All Machines Warranted Turnips, &c. For Beauty of Model, Simplicity, Strength, Durability and

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Ease of Management the New Model Buckeye is unapproached by any BULLARD'S PATENT HAY TEDDER

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Administrator's Sale of Real Estate.

By virtue of a license from the Probate diesex, the sub-criber will sell at public auction, on the premises hereinafter described. on TUESDAY, the 17th day of Julia o'clack for the little day o'clack

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ARLINGTON WHEAT MEAL, in 10 pound bags. HEN FEED. WHEAT SCREENINGS WHOLE BUCK WHEAT WHOLE WHEAT, WHOLE CORN, CRACKED CORN, &c. C. C. BROCKWAY&CO., 220 to 226 FRIEND ST., BOSTON. Hudson River Fruit Gardens. MANY novelties for this spring. THWACK and 30 other Strawberries; REIGHTON Grand

fargest assortment in the country. Price lists free B. H. HAINES, Maidon-on-the-Had mchl0-tf and County, deceased, texate, growing the benefit of Francis. Moltey, Daniel, George, Francis E. Flint and others.

WHEREAS, ALANSON A. UPTON, the tright was anot the second secondus of his trusteehip.

You are hereby cited to appear at a Probate Courty on the fourth Tuesday of July instant, a' nine o'clock in the formoon, to show cause, if any you have, why the same should not be allowed.

And said Trustee is ordered to serve this Citation by publishing the same once a week, is the Massachuseuts Flouphman, a newspaper printed at Dose two days at iease before said Court, which there is no try to the two days at iease before said Court, which they do not not contain the court, this third day of July, in the year of our Lord one thecased eight hendred and servetty syrap.

J. H. TYLER, Regisser.

By Street Call on; or 'address with the fine from the reclamation of those was an expectation and servetty is gran.

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TERMS, \$50. \$25 at time of service, \$25 when the mare prove GOOD PASTUBING AND STABLING Mares at owners' risk. SAMUEL R. PERKINS.

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CURES THE WORST PAINS IN PROM ONE TO TWENTY MINUTES NOT ONE HOUR

SUFFER WITH PAIN! Radway's Ready Relief Head, Rush of Blood to the Head, Rush of Blood to the Head, Skin Eruptions, Pale Countenance and Dry Skin.

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I have had an Ovarian Tumor in the ovaries and bowels for ten years. I tried the best physicians of this place and other and it is place and other and the property of the place and other and the past physicians of this place. I delete the best physicians of this place and other and the past physicians of this place. I delete the best physicians of this place and other and the property of the place and other the past physicians of the place. I had not much faith in them, but finally, after much deliberation, I tried them.

I purchased six bottles of the Resolvent, two boxes of the Pilla, and two bottles of the Resolvent, two of the Relief. I determined to hear thousand the property of the Pilla, and two bottles of the Resolvent, two of the Relief, and two boxes of Pilla. Before they were gone I had lost twenty-five pounds.

I cordially endorse the above statement of upon the promoths, and lost wenty-five pounds.

I cordially endorse the above statement of property of the Pilla, and two bottles of the Resolvent, two of the Relief, and two boxes of Pilla. Before they were gone I had lost twenty-five pounds.

I cordially endorse the above statement of upon the pounds. In all I took the medical pounds the pounds of the pounds. In all I took the medical pounds of the pounds. In all I took the medical pounds of the pounds of the pounds. In all I took the medical pounds of the pounds of the pounds. In all I took the medical pounds of the pounds of the pounds. In all I took the medical pounds of the pounds of the pounds of the pounds. In all I took the medical pounds of the pounds. In all I took the pounds of th

Perfectly tasteless, elegandy coated with sweet gampure, regulate, purify, cleanes, and strengthen Radway's Pilla, for the cure of all disorders of the Stomach, Liver, Bowels, Kidneys, Badder, Revrose Diseases, Hesdache, Constipation, Coatweness, indigestion, Dyspepais, Billioraness, Fevros, Dismandio of the Bowels, Piles, and all Derangement of the Internal Viscers. Warranted to effect a positive cure. Purely vegetable, containing no mercury, minerals or deleterious drugs.

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Constipation, Inward Piles, Fullness of the Blood in the head, Acidity of the Stomach, Nausea, Heartburn, Disquat of Food, Fullness or weight in the Stomach, Sour Eucatations, Sinking or Fluitering at the Heart, Choking of Suffering at the

HELMBOLD'S COMPOUND FLUID EXTRACT BUCHU.

For WEAKNESS arising from your rabuse, excesses or dissipation, atte (the ollowing symptoms: Nervous lemory, Indisposition to Exertion or Irower, Shoriness of Breath, Trem th Thoughts of Disease, Dimness of e Back, Chast

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generally at their lowest s latter part of summer, and ly a little leisure after the ured and before fall work we can attend to improve the present a good opport to every farmer who has the rovement and the desire to neans, to look about him of his land does not need dre will not pay to drain it. " need drainage are all such s spring or after a heavy re meadows, bogs and swales, sides and land with a stiff cl ly all land indeed except wh by a porous gravel or sand, w by drainage; the lands wh drainage and which will best lands where a rich deposit o table mould from one to tw underlaid by a hard gravel and where the natural outle low enough to allow the rains to drain off readily, so times of protracted drouth th in a spongy, sloppy state, pr worthless grasses known will grow on such land is the " blue joint," and it is diffic growth or to work the land growth without mud shoes first thing to do if we wish to to look out for an outlet for t Most swales have a natura passing through them, and i irst sight that this has so there is no hope of letting off

we should not despair until w ly examined with a level the

stream for some distance b which we wish to drain. This with sufficient accuracy by mon carpenter's spirit level a of a barrel and pointing it of the stream, let an assistar stream about 100 or 200 yards a pole with a short stick place man will block up the level or the barrel until it is exactly lev will take the pole to any cor down stream and hold it with the cross piece in his han same height as the level, the place his eye at one end of look along its upper side at ing signs to his assistant to r the cross piece until it is exuc with his eye. By comparing n of the level and the cross piece from the ground on which exact fall of the stream will be peating the process and adding we can find out, without calling an engineer, how far down etr to go in order to get the requir should be from three to four fer level of the land to be drained a a fall of at least two inches to e feet for the flow of the water drain or ditch. If this fall ca tained it will not be an easy m the land well; where the tract is large, or where land is valu dening or for other purposes worth while to be at consider to obtain an outlet or even to water over a dam by a windn pump in the manner that many acres are drained in Holland ; drainage as this requires the

> value many times the cost of the As the first thing to be done This will occupy the lowest tract to be drained; if a brook of siderable size runs through our have our main drain an open di open ditches are rather troubles to prevent from filling up, and struct the passage of teams and will be better if the brook is not and subject to heavy freshets, to main drain of large tile covere provided at suitable points with as will be hereafter described. teen inches in diameter laid un will carry a very considerable cost \$1,60 per running foot; if freshet part of the water has to re surface for a few hours at a time no harm; but we should provide a that will drain all the water from within twelve hours after our hea to estimate the proper size you watch the volume of water in after a powerful storm and provi The writer had occasion some ye

gineer, and in a country where general cheap, would seldom outlay, we shall have to deal at with those frequent cases when may at moderate cost improve

drain a swale of three acres three e small brook runs; as the land was for gardening purposes it was de provide a passage for the brook lar to carry the water even in sum:

Oditonia. LAND DRAIN As the springs and runs